



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMIC WHOLE GENOME SCREENING METHODOLOGY AND SYSTEMS

the specification of which was filed on February 13, 2002 as Application No. 10/076106.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	
such foreign application have been filed as follows:	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
Application		

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

1	 -	TT O		annlications	have	heen	filed.
1	1	no such U.S.	broareronar	, applications	TOAC	рсод	ILLOW.

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/268,638	February 13, 2001	x Yes No
		Yes No
		Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

9477362

2

ROPES & GRAY

OC1-05-2002 18:38

x no such U.S./PCT applications have been filed.

such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)
_		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Madeline F. Barr Strven Baglio J. Steven Baughman Mark W. Bellomy Johnny Y. Chen Gregory Glover	36,437 51,426 47,414 51,452 46,614 34,173	David P. Halstead, Ph.D. Doniel Kansburg Edward J. Kelly Charles Larsen Agnos S. Loe Paul E. Lewkowicz	44,735 36,156 38,936 48,533 46,862 44,870	Christopher Natkanski John D. Quisel Spencer H. Schneider Sanjay Sitlani Wolfgang E. Stutius Amia Vanna	50,365 47,874 45,923 48,489 40,256 43,221 36,709
•	34,173	Paul E. Lewkowicz	44,870	Amiz Varma	43,221
	27,787	Yu Lu	50,306	Manhow P. Vincon	36,709
	32,227	Robert A. Mazzarese	42,852	Dalila Argaez Wendlandt	52,351

all of Ropes & Gray, One International Place, Boston, Massachusetts 02110-2624, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Matthew P. Vincent, whose address is:

Ropes & Gray One International Place Boston, Massachusetts 02110-2624

Please direct telephone calls to: Matthew P. Vincent at (617) 951-7739.

Please direct facsimiles to: (617) 951-7050

egory Stephanopoulos	Data
o or first inventor's signature	Deta
inchester, Massachusetts	
izepship US illing Address	
HIME CAME AS	
Russel Lane	
inchester, Massachusetts 01890	
Il name of second inventor, if any	
yan T. Gill	
cond investor's signature	Date
sidence Soston, Massachusetts	
itizembip US	
failing Address	
-	
4 Gainsborough Street, #301	
A0115	
loston, Massachusetts 02115	
loston, Massachusetts 02115	
ull name of third inventor, if any	
till name of third inventor, if any Stefan Wildt hird inventor's signature	Danc 10-04-2002
till name of third inventor, if any Stefan Wildt hird inventor's signature	Date 10-04-2002
tull name of third inventor, if any Stefan Wildt Third inventor's signature	Dare -04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US	Danc 10-04-2002
Stefan Wildt hird inventor's signature Residence Cambridge, Massachusetts	□ 10-04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US Mailing Address	Darc - 04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US Mailing Address	Darc 10-04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Cinzenship US Mailing Address 32 Parkhurst Street	Darc - 04-2002
Stefan Wildt Canbridge, Massachusetts Claizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	Date - 04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US Mailing Address	10-04-2002
Stefan Wildt Canbridge, Massachusetts Claizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	Date 04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	10-04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	10-04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327 Full name of fourth inventor, if any Fourth inventor's signature Residence Citizenship	10-04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327 Full name of fourth inventor, if any Fourth inventor's signature Residence	10-04-2002
Stefan Wildt hird inventor's signature Cambridge, Massachusetts Chizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327 Full name of fourth inventor, if any Fourth inventor's signature Residence Citizenship	10-04-2002

A

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMIC WHOLE GENOME SCREENING METHODOLOGY AND SYSTEMS

the specification of which was filed on February 13, 2002 as Application No. 10/076106.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	•
such foreign application have been filed as follows:	

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
		1
		}

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any	United
States provisional patent application(s) listed below:	0

li	no such	211	provicional	applications	h	L	£:1.1
	HO BUCH	U.D.	Provisional	applications	nave	been	mea.

X	such U.S. provisio	nal application have	been filed as follows:
لتثنا	j amant and provide	man application nave	specia then as tollows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/268,638	February 13, 2001	_x Yes No
		Yes No
		Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

such U.S./PCT application have been filed as follows:

Date of Filing	Status (Patented/Pending/Abandoned)
	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Madeline F. Baer	36,437	David P. Halstead, Ph.D.	44,735	Christopher Natkanski	50,365
Steven Baglio	51,426	Daniel Hansburg	36,156	John D. Quisel	47,874
J. Steven Baughman	47,414	Edward J. Kelly	38,936	Spencer H. Schneider	45,923
Mark W. Bellomy	51,452	Charles Larsen	48,533	Sanjay Sitlani	48,489
Johnny Y. Chen	46,614	Agnes S. Lee	46,862	Wolfgang E. Stutius	40,256
Gregory Glover	34,173	Paul E. Lewkowicz	44,870	Anita Varma	43,221
William G. Gosz	27,787	Yu Lu	50,306	Matthew P. Vincent	36,709
Patricia Granahan	32,227	Robert A. Mazzarese	42,852	Dalila Argaez Wendlandt	52,351

all of Ropes & Gray, One International Place, Boston, Massachusetts 02110-2624, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Matthew P. Vincent, whose address is:

Ropes & Gray
One International Place
Boston, Massachusetts 02110-2624

Please direct telephone calls to: Matthew P. Vincent at (617) 951-7739.

Please direct facsimiles to: (617) 951-7050

Jreyny Stephanajzuw	Oc 15,2002
Treini Stephanoxill	
sidence	
inchester, Massachusetts	
tizenship US	
ailing Address	•
Russel Lane	
Vinchester, Massachusetts 01890	
ull name of second inventor, if any	
Ryan T. Gill	Date
econd inventor's signature	
esidence	
Boston, Massachusetts	
Citizenship US	
Asiling Address	
g	
34 Gainsborough Street, #301	
Boston, Massachusetts 02115	
2.11	
Full name of third inventor, if any Stefan Wildt	
Third inventor's signature	Date
in a monor of difference	
Residence	
Cambridge, Massachusetts	
Citizenship US	
Mailing Address	
32 Parkhurst Street	
Lebanon, New Hampshire 03766-1327	
E. II name of fourth investor if you	
Full name of fourth inventor, if any	
Fourth inventor's signature	Date
outh inventor 3 signature	
Residence	
Citizenship	
Citizenship Mailing Address	

8877352



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE <u>DECLARATION FOR PATENT APPLICATION</u>

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMIC WHOLE GENOME SCREENING METHODOLOGY AND SYSTEMS

the specification of which was filed on February 13, 2002 as Application No. 10/076106.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

that of the application on which priority is elanised.	
x no such foreign applications have been filed	
such foreign application have been filed as follows:	

0.077365

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
Application			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
Application Number		
		ì

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

no such U.S. provisional applications have been	11100.	CCII 111
---	--------	----------

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/268,638	February 13, 2001	x Yes No
		Yes No
		Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

2

בי

x	no such U.S./PCT applications have been filed.
\Box	such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Madeline F. Baer Steven Baglio J. Steven Banghman	36,437 51,426 47,414	David P. Halstead, Ph.D. Daniel Hansburg Edward J. Kelly Charles Larsen	44,735 36,156 38,936 48,533	Christopher Natkanski John D. Quisel Spencer H. Schneider Sanjay Sitlani	50,365 47,874 45,923 48,489
Mark W. Bellomy Johnny Y. Chen	51,452 46,614	Agnes S. Lee	46,862 44,870	Wolfgang E. Stutius Anita Varma	40,256 43,221
Gregory Glover William G. Gosz Patricia Granahan	34,173 27,787 32,227	Paul E. Lewkowicz Yu Lu Robert A. Mazzaresc	50,306 42,852	Marthew P. Vincent Dalila Argaez Wendlandt	36,709 52,351

all of Ropes & Gray, One International Place, Boston, Massachusetts 02110-2624, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Matthew P. Vincent, whose address is:

Ropes & Gray
One International Place
Boston, Massachusetts 02110-2624

Please direct telephone calls to: Matthew P. Vincent at (617) 951-7739.

Please direct facsimiles to: (617) 951-7050

all name of sole or first inventor	
Stephanopoulos	Date
ole or first inventor's signature	
lesidence langutts	
Winchester, Massachusetts	
Citizenship US	
Mailing Address	
4 Russel Lane	
Winchester, Massachusetts 01890	
if any	
Full name of second inventor, if any	Date 7
Ryan T. Gill Second inventor's signature	Date 10/1/07
Second inventor of the	
Residence	
Boston, Massachusetts	
Citizenship US	
Mailing Address	
84 Gainsborough Street, #301 Boston, Massachusetts 02115	
Boston, Massachusetts 02113	
Boston, Massachusetts 02113	Date
Boston, Massachusetts 02113	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address	
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	Date
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327 Full name of fourth inventor, if any Fourth inventor's signature	
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327 Full name of fourth inventor, if any Fourth inventor's signature	
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327 Full name of fourth inventor, if any Fourth inventor's signature Residence	
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327 Full name of fourth inventor, if any Fourth inventor's signature Residence Citizenship	
Full name of third inventor, if any Stefan Wildt Third inventor's signature Residence Cambridge, Massachusetts Citizenship US Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327 Full name of fourth inventor, if any Fourth inventor's signature Residence Citizenship	